

## AMENDMENT TRANSMISSION LETTER (Small Entity)

Docket No.

Applicant(s): Claycomb et al.

11016.02

Serial No.  
09/470,116Filing Date  
December 22, 1999Examiner  
N. NatnithithadhaGroup Art Unit  
3736

Invention: ELECTRONIC ESTRUS DETECTION DEVICE

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

TECHNOLOGY CENTER R3700

Transmitted herewith is an amendment in the above-identified application.

- Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.
- A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.

The fee has been calculated and is transmitted as shown below.

## CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	21 -	20 =	1	x \$9.00	\$9.00
INDEP. CLAIMS	4 -	3 =	1	x \$40.00	\$40.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$49.00

- No additional fee is required for amendment.
- Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_.
- A duplicate copy of this sheet is enclosed.
- A check in the amount of \$49.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 04-1415
- A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16.
- Any patent application processing fees under 37 CFR 1.17.



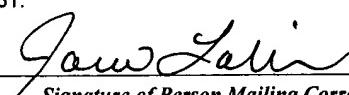
Signature

Robert J. Scheffel, Reg. No. 43,090  
DORSEY & WHITNEY LLP  
USPTO Customer No. 20686

Dated: August 24, 2001

## Certificate of Mailing by Express Mail

I certify that this document and fee is being deposited on 8/24/01 with the U.S. Postal Service as \_\_\_\_\_ mail under 37 C.F.R. 1.16 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

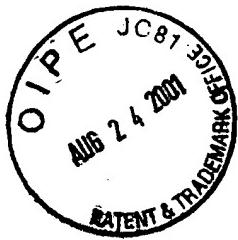


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CLAYCOMB, et al.

Serial No. 09/470,116

Filed: December 22, 1999

For: ELECTRONIC ESTRUS DETECTION  
DEVICE

Examiner: N. Natnithithadha

Art Unit: 3736

*HS/A  
9/6*

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
Washington, DC 20231

Sir:

This amendment is in response to the Office Action mailed on May 25, 2001, the three-month shortened statutory period for response expiring on August 25, 2001. Applicants respectfully request the following amendment and remarks be entered and considered by the Examiner.

Any insufficiency or overpayment may be charged/credited to Deposit Account No. 04 1415. If any additional extension of time is required, please consider this a petition therefore and charge the required fee to Deposit Account No. 04-1415.

**AMENDMENT**

In the Specification:

Please substitute the following paragraph for the paragraph on pg. 12, beginning at line 8:

Yet another preferred, simple-to-use, embodiment is shown in Figure 10 in which 3 display LEDs 20 are employed. One LED 20 is activated upon commencement of mounting activity (e.g. "suspect estrus"); the next LED 20 is activated when qualified mounting activity occurs (e.g. "confirmed estrus"). That activity which is determined to meet the device's predetermined and preset thresholds, e.g., 3 mounts in 4 hours. The last LED 20 is activated